



SRC, Inc.
999 18th Street, Suite 1150
Denver, CO 80202

MONTHLY PROGRESS REPORT
MAY 2013
TASK ORDER 0005

To: Kirk Roegner (EPA Region 8 Contract Officer)
Barbara Nelson (EPA Region 8 Project Officer)
cc: SRC Project File
From: William Brattin (SRC WAM)

Contract: GS-00F-0019L
Order Number: EP-S8-11-03
EPA Task Order: 0005 (Libby Asbestos Superfund Site Human Health Risk Assessment)
SRC Project No.: FA535.0005
Period covered by this invoice: 05/01/2013-05/31/2013

Financial Summary

Category	Expenses		Budget			Percent Complete ^(b)
	This Month (a)	Cumulative	Ceiling	Funded	Remaining	
██████████	██████████	██████████	██████████	██████████	██████████	██████████
LOE (\$)	\$6,735.69	\$96,467.85	\$96,475	\$96,475	\$ 7.15	100%
SRC Travel (\$)		--	--	--	--	--
SRC ODC (\$)		\$126.51	\$366	\$366	\$ 239.49	35%
Subcontractors (\$)		\$51,037.51	\$64,689	\$64,689	\$13,651.49	79%
TOTAL (\$)	\$6,735.69	\$147,631.87	\$161,530	\$161,530 ✓	\$13,898.13 ✓	91% ✓

(a) See Tables CIB 1-4 for a detailed breakdown

(b) Based on funded budget

Explanation of SRC ODCs

- No SRC ODCs were incurred in this reporting period.

Explanation of Subcontractor Costs

- No subcontractor costs were incurred in this reporting period. However, see Lagging Costs for an estimate of expected subcontractor invoices.

SUMMARY OF ACTIVITIES

Task 1 – Support for Non-Cancer Toxicity Factor (RfC)

- SRC met with EPA on 5/13, 5/20 and 5/28 to discuss results obtained to date and additional work required.

- SRC prepared new data files for fitting that focused on “Any Pleural Thickening” (APT) and “Any Radiological Change” (ARC) as the relevant endpoints for Cohort 1.
- Based on the new data files, SRC performed fitting of Cohort 1 to multiple models both for APT and ARC endpoints. SRC also fitted multiple models to Cohort 3. This included a series of runs focused on evaluating the sensitivity of the cumulative normal models (CN MM and CN DH) for the different data sets (Cohort 1 and Cohort 3), along with results of cross validation calculations.
- SRC met with Region 8 staff on 5/8 to prepare for a call with members of NCEA and the IRIS CAST group. SRC participated in the initial portion of the call before having to leave, and then met with Region 8 after the call was finished to discuss the outcome and actions needed.
- SRC met with Region on 5/29 and then attended the second in a series of meetings with the CAST group.
- SRC worked to refine a protocol for evaluating and ranking the suitability of alternative model fit results as the basis for the RfC based on comments from Region 8 and the CAST. A revised draft was supplied on 5/14.

Subtask 1a – Revisions to the RfC Supporting Data and Documentation

- SRC worked with UC to resolve questions regarding the proper interpretation of x-ray data from the 1980 study. In brief, UC clarified that effects in 1980 previously identified as DPT in UC spreadsheets might either represent LPT or DPT based on 2004 diagnostic criteria. On this basis, UC recommended that the 1989 data on pleural thickening and pleural plaques simply be combined and called “pleural thickening”.

Task 2 – Technical Review and Oversight for the Conduct of Risk Assessments for Libby

- SRC prepared a revised draft of the technical memo summarizing estimated impacts of fires in OU3 on air and soil in Libby. This was submitted to EPA for review on 5/1.

DELIVERABLES SUBMITTED

Task	Deliverable Title	Due Date	Date Delivered	Recipient(s)
1	Revised fitting results	--	Multiple	Bob Benson, David Berry
	Proposed ranking scheme	--	5/14	Bob Benson, David Berry
2	Technical memo on impacts of smoke from OU3 fires on air and soil in Libby	--	5/1	David Berry

ISSUES IDENTIFIED AND REMEDIAL ACTIONS TAKEN

- None.

ANTICIPATED ACTIVITIES FOR NEXT MONTH

Task 1 – Support for Non-Cancer Toxicity Factor (RfC)

- SRC will perform all final model fitting designated by R8 as being needed to update the Toxicity Review section on derivation of the RfC for LA.
- SRC will work with EPA to revise text descriptions of approaches and results, as needed.

Subtask 1a – Revisions to the RfC Supporting Data and Documentation

- SRC will work with UC to resolve any data questions that may arise
- SRC will work with UC as needed to finalize Appendix F.

Task 2 – Technical Review and Oversight for the Conduct of Risk Assessments for Libby

- SRC will provide evaluation and review of documents or data as may be requested by EPA.

ANTICIPATED DELIVERABLES FOR NEXT MONTH

Task	Deliverable Title	Deliverable Date
1	Revised model fitting calculations	TBD
1a	Final Appendix F	TBD
2	Risk assessment support as requested	TBD

ESTIMATE OF SUBSTANTIAL LAGGING COSTS

SRC received a monthly progress report from the University of Cincinnati technical team for work performed in April (04/01/13 – 04/30/13). [REDACTED]

SRC received a monthly progress report from the University of Cincinnati technical team for work performed in May (05/01/13 – 05/31/13). [REDACTED]

These costs will be reported after an invoice is received from the University.

CONTRACT INVOICE BACKUP REPORT (Combined CIB1, CIB-2, CIB-3, CIB-4)

Order Number	EP-11-S8-03	Invoice Number	129560
Order Name	Region 8 Risk Assessment Support	Invoice date	06/10/13
Task Order	0005 (Libby Asbestos Superfund Site Human Health Risk Assessment)		
Invoice period of performance	05/01/2013 -05/31/2013		

PART A: SRC LABOR

Title	Name	Rate	Current Period		Project Cumulative	
			Total hrs	Total Amt	Total hrs	Total Amt
SRC LABOR TOTALS				✓\$6,735.69		✓\$96,467.85

PART B: SRC TRAVEL

Title	Name		Current	Cumulative
	Travel cost			
	Travel cost			
	Total travel cost			
	G&A (travel)			
SRC TRAVEL TOTALS			\$0.00	\$0.00

PART C: SRC ODCs

		Current	Cumulative
	ODCs		\$107.27
	G&A (ODCs)		\$19.24
SRC ODC TOTALS			\$126.51

PART D1: SUBCONTRACTOR LABOR

Title	Name (Company)	Rate	Current Period		Project Cumulative	
				Total Amt	Total hrs	Total Amt
Subcontractor Labor Totals:			0.00	\$0.00		\$47,289.58
SRC subcontractor G&A FY 13						\$3,747.93
SUBCONTRACTOR LABOR TOTALS			0.00			\$51,037.51

PART D2: SUBCONTRACTOR TRAVEL

Title	Name (Company)		Current	Cumulative
	Travel cost			
	Travel cost			
	Total travel cost			
	SRC G&A (subcontractor)			
SUBCONTRACTOR TRAVEL TOTALS			\$0.00	\$0.00

PART D3: SUBCONTRACTOR ODCs

Sub-Contractor Company		Current	Cumulative
	ODCs		
	ODCs		
	Total subcontractor ODCs		
	SRC G&A (subcontractor)		
SUBCONTRACTOR ODC TOTALS		\$0.00	\$0.00

PART E: TASK ORDER TOTALS

		Current Period		Project Cumulative	
		Total hrs	Total Amt	Total hrs	Total Amt
TASK ORDER TOTALS			✓\$6,735.69		✓\$147,631.87

Standard Form 1034 7 GAO 6000 1034-114		PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL			VOUCHER NO. <div style="border: 1px solid black; display: inline-block; padding: 2px;">14</div>	
U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION U.S. ENVIRONMENTAL PROTECTION AGENCY 109 TW ALEXANDER DRIVE MAIL CODE - D143-02 RESEARCH TRIANGLE PARK, NC 27711				DATE VOUCHER PREPARED 06/11/13		SCHEDULE NO. PAID BY DATE INVOICE RECEIVED DISCOUNT TERMS PAYEE'S ACCOUNT NUMBER GOVERNMENT B/L NUMBER
				CONTRACT NUMBER AND DATE EP-S8-11-03		
				REQUISITION NUMBER AND DATE		
PAYEE'S NAME AND ADDRESS SRC, INC M&T Bank (ACH - EPA) 7502 Round Pond Road North Syracuse, NY 13212 FEDERAL TAX ID NUMBER: 15-0589832 FA535.CF999.0.005						
SHIPPED FROM		TO		WEIGHT		
NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES <small>(Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)</small>	QUAN- TITY	UNIT PRICE COST PER		AMOUNT (1)
	May 01, 2013 through May 31, 2013	For detail, see SF 1035 Continuation Sheet, total amount claimed transferred from Page 1 SF 1035. TASK ORDER 0005 COST REIMBURSABLE PROVISIONAL PAYMENT "I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract." <div style="text-align: right; margin-top: 10px;"> Name of Official </div>				\$6,735.69
(Use continuation sheets(s) if necessary) (Payee must NOT use the space below)			TOTAL		\$6,735.69	
PAYMENT:	APPROVED FOR		EXCHANGE RATE			
<input type="checkbox"/> COMPLETE	Provisional payment subject to later audit		= \$1.00			
<input type="checkbox"/> PARTIAL	BY:					
<input type="checkbox"/> FINAL	Michelina Torre					
<input type="checkbox"/> PROGRESS	TITLE:					
<input type="checkbox"/> ADVANCE	Defense Contract Audit Agency, Branch Manager				Amount verified; correct for (Signature or initials)	
ACCOUNTING CLASSIFICATION						
BYD PA	CHECK NUMBER		ON TREASURER OF THE UNITED STATES		CHECK NUMBER ON (Name of bank)	
	CASH		DATE		PAYEE	
1. When stated in foreign currency, insert name of currency. 2. If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title. 3. When a voucher is recopied in the name of a company or corporation, the name of the person writing the company or corporate name as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.					PER	
					TITLE	

Billing Number: 0014
Invoice Number: INV-00000129560

Invoice Date: 06/10/2013

Bill To:
US ENVIRONMENTAL PROTECTION AGENCY
109 TW ALEXANDER DRIVE
MAIL CODE D-143-02
RESEARCH TRIANGLE PARK, NC 27711

Remit To:
SRC, Inc
7502 Round Pond Road
North Syracuse, NY 13212-2510

Customer Number: 1019
Prime Contract Number: EP-S8-11-03
Subcontractor Number: GS-00F-0019L
Customer PO Number: TASK ORDER 0005
Project Number: FA535.CF999.0.005
Project Name: R8 RA TO5 Libby Asbestos
Terms: NET 30
Due Date: 07/10/2013

	Contract Value	Funded Value
Cost:	0.00	161,530.00
Fee:	0.00	0.00
Total:	0.00	161,530.00

Cumulative Amount Billed: 147,631.87

Billing Period From: 05/01/2013
To: 05/31/2013

Current Hours	Rate	Current Amount	Cumulative Hours	Cumulative Amount
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DIRECT LABOR		6,735.69		96,467.85
TRAVEL		0.00		0.00
OTHER DIRECT COSTS		0.00		126.51
SUBCONTRACT		0.00		51,037.51
OTHER DIRECT COSTS		0.00		51,164.02

Invoice Total		<u>6,735.69</u>		<u>147,631.87</u>
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Current Incurred Hours:
Cumulative Incurred Hours:



Date: 06/10/13
Time: 4:50:54 PM

SRC Consolidated

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Project Labor Summary

By Project, Project Labor Category (PLC), Employee/Vendor Detail
As of Fiscal Year: 2013 Period: 8 Subperiod: 1 Ending: 05/31/2013

Project: FA535.CF999.0.005
Name: R8 RA TO5 Libby Asbestos
Owning Organization: 01.02.14.02.00
Prime Contract Number: EP-S8-11-03
Subcontract Number: GS-00F-0019L
Purchase Order: TASK ORDER 0005
Project Manager: HOHREITER, DAVID W
Customer: EPA

Contract Value: 0.00
Funded Value: 161,530.00
Project Classification: DIRECT PROJECT
Project Type: GOVT PRIME T&MT
Period of Performance: 02/09/2012 - 06/30/2013
Active: Yes

Labor Category	Period Actual Hours
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Project Labor Category (PLC): SC11 SCIENTIST 1

Total for SC11:

Project Labor Category (PLC): TM3SRC TECH MGR 3 - SRC

Total for TM3SRC:

Total for FA535.CF999.0.005: